

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050105507".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/26 09:04
S5	14	("20020084870" "20020153954" "3898573" "5020078" "5285116" "5452466" "5650736" "5862390" "6084907" "6114844" "6356606" "6445241" "6456142" "6507225").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:08
S6	3	("20020149402" "20020177266" "6288581").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:14
S8	3	("6993107"   "6999540"   "6968413").pn.	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:54
S9	64	(serial adj link adj transmitter)	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:14
S10	3510	serializer	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:14
S11	6070	serial adj link	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:14
S12	122	serial adj link adj transmit\$5	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:14
S13	134	(S10 S11 S12) and "326"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:15
S14	207	(S10 S11 S12) and "327"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:15
S15	228	(S10 S11 S12) and "341"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:15
S16	4	S13 and S14 and S15	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:15
S17	429	(S13 S14 S15) and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:16
S18	6860	326/82.cccls. 326/83.cccls. 326/86.cccls. 326/87.cccls. 326/29.cccls. 327/156.cccls. 375/376.cccls.	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:02
S19	63	S18 and (serial adj link)	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:56
S20	58	S19 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:56
S21	473	("326"/\$.cccls. "327"/\$.cccls. "375"/\$.cccls.) and (serial adj link)	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:56
S22	407	S21 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:56

## EAST Search History

S23	116	S18 and ((serial adj link) or serializer)	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:56
S24	99	S23 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/26 10:02
S25	939	("326"/\$.ccls. "327"/\$.ccls. "375"/\$.ccls.) and ((serial adj link) or serializer)	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:56
S26	766	S25 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/26 09:56
S27	57	S24 and (buffer\$3)	US-PGPUB; USPAT	OR	OFF	2006/07/26 10:13
S28	451	S26 and (buffer\$3)	US-PGPUB; USPAT	OR	OFF	2006/07/26 11:20
S29	0	S24 and ((pre adj buffer\$3) or prebuffer\$3)	US-PGPUB; USPAT	OR	OFF	2006/07/26 10:03
S30	0	S26 and ((pre adj buffer\$3) or prebuffer\$3)	US-PGPUB; USPAT	OR	OFF	2006/07/26 10:03
S31	1	"5675584".pn.	US-PGPUB; USPAT	OR	OFF	2006/07/26 10:13
S32	68	S28 and segment	US-PGPUB; USPAT	OR	ON	2006/07/26 11:12
S33	95	((serial adj link) and (\$4buffer\$3)).clm.	US-PGPUB; USPAT	OR	ON	2006/07/26 11:14
S34	83	S33 and @ad<"20031030"	US-PGPUB; USPAT	OR	ON	2006/07/26 11:12
S35	2	((serial adj link) and (\$4buffer\$3) and (output adj (circuit or stage or block))).clm.	US-PGPUB; USPAT	OR	ON	2006/07/26 11:14
S36	66	S28 and (propagat\$3 adj delay\$3)	US-PGPUB; USPAT	OR	OFF	2006/07/26 11:24
S37	9	(prebuffer) and ((serial adj link) or serializer)	US-PGPUB; USPAT	OR	OFF	2006/07/26 11:25
S39	1	(prebuffer) same ((serial adj link) or serializer)	US-PGPUB; USPAT	OR	OFF	2006/07/26 11:25
S40	8157	326/82.ccls. 326/83.ccls. 326/86.ccls. 326/87.ccls. 326/29.ccls. 327/156.ccls. 375/376.ccls. 327/52.ccls. 327/65.ccls. 327/262.ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:24
S41	123	S40 and ((serial adj link) or serializer)	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:31
S42	104	S41 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:31
S43	66	S40 and (serial adj link)	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:31

## EAST Search History

S44	61	S43 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:00
S45	11	("20010000949" "5194761" "5739707" "5986489" "6114885" "6256235" "6268750" "6281715" "6313682" "6353346" "6704818").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:05
S46	2	S45 and serial	US-PGPUB; USPAT	OR	OFF	2006/07/26 14:18
S47	1	S40 and (((pre adj buffer\$3) or prebuffer\$3) and serial and bypass\$4)	US-PGPUB; USPAT	OR	OFF	2006/07/26 15:02
S48	2062	S40 and (independent\$2 and (enabl\$3 or control\$3))	US-PGPUB; USPAT	OR	OFF	2006/07/26 15:03
S49	115	S40 and (independent\$2 adj (enabl\$3 or control\$3))	US-PGPUB; USPAT	OR	OFF	2006/07/26 15:59
S50	32	S49 and ((voltage adj (shift\$3 or converter or translator)) or (level adj (shift\$3 or converter or translator)))	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:30
S51	32	S50 and (independent\$2 adj (enabl\$3 or control\$3))	US-PGPUB; USPAT	OR	OFF	2006/07/26 15:59
S52	8164	326/82.ccls. 326/83.ccls. 326/86.ccls. 326/87.ccls. 326/29.ccls. 327/156.ccls. 375/376.ccls. 327/52.ccls. 327/65.ccls. 327/262.ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:30
S53	115	S52 and (independent\$2 adj (enabl\$3 or control\$3))	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:36
S54	32	S53 and ((voltage adj (shift\$3 or converter or translator)) or (level adj (shift\$3 or converter or translator)))	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:37
S55	29	S54 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:37
S56	19	S55 and parallel	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:37
S57	3	S56 and transmitter	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:37
S58	1216	("326"/\$.ccls. "327"/\$.ccls. "375"/\$.ccls.) and (independent\$2 adj (enabl\$3 or control\$3))	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:37
S59	130	S58 and ((voltage adj (shift\$3 or converter or translator)) or (level adj (shift\$3 or converter or translator)))	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:37
S60	109	S59 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:37

## EAST Search History

S61	11	S60 and transmitter	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:37
S62	10	S61 and parallel	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:53
S63	11	(serial adj link adj transmitter) and (enabl\$3 adj (signal\$3 or control\$3)) and ("326"/\$.ccls. "327"/\$.ccls. "375"/\$.ccls.)	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:57
S64	11	S63 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:57
S65	17	(serial adj link adj transmitter) and ((enabl\$3 or control\$3) adj signal\$3) and ("326"/\$.ccls. "327"/\$. ccls. "375"/\$.ccls.)	US-PGPUB; USPAT	OR	OFF	2006/07/27 08:57
S66	15	S65 and @ad<"20031030"	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:27
S68	15	S65 and S66	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:02
S69	11	S65 and S64	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:02
S70	8	"5349350"	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:27
S71	0	"5349350.pn."	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:27
S72	1	"5349350".pn.	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:29
S73	1	"6241778".pn.	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:32
S74	9	("5150211" "5199030" "5506932" " 5523795" "5541662" "5905769" "59 40070" "5974464" "6191822").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:32
S75	2	("6208715" "6249669").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:34
S76	2	("6141691" "6185250").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:38
S77	1	"6241778".PN.	US-PGPUB; USPAT	OR	OFF	2006/07/27 09:32
S78	1	"6151334".pn.	US-PGPUB; USPAT	OR	OFF	2006/07/27 11:34
S79	2	("5627487"   "5838177").pn.	US-PGPUB; USPAT	OR	OFF	2006/07/27 13:08
S80	2	("5627487"   "5838177").pn.	US-PGPUB; USPAT	OR	OFF	2006/07/27 13:08
S81	2	S80 and enable	US-PGPUB; USPAT	OR	OFF	2006/07/27 13:08

## EAST Search History

S82	0	S81 and transmitter	US-PGPUB; USPAT	OR	OFF	2006/07/27 13:08
S83	0	S81 and transmitt	US-PGPUB; USPAT	OR	OFF	2006/07/27 13:08
S84	1	S81 and transmit	US-PGPUB; USPAT	OR	OFF	2006/07/27 13:08
S85	114	("4096402"   "4404474"   "4638187"   "4789796"   "4829199"   "4888498"   "4958088"   "4984204"   "5122690"   "5128560"   "5128563"   "5134311"   "5150186"   "5165046"   "5179298"   "5194765"   "5220208"   "5239206"   "5243703"   "5254883"   "5274276"   "5276642"   "5278460"   "5281865"   "5311481"   "5321368"   "5347177"   "5347179"   "5355391"   "5361002"   "5400283"   "5432823"   "5438545"   "5440260"   "5451898"   "5457407"   "5473575"   "5485490"   "5488321"   "5497127"   "5498990"   "5506814"   "5508638"   "5513327"   "5568077"   "5574698"   "5576645"   "5578941"   "5581197"   "5589788"   "5590073"   "5619473"   "5621340"   "5621690"   "5627780"   "5627791"   "5631872"   "5636163"   "5636173"   "5636174"   "5638335"   "5668763"   "5694065").PN. OR ("5838177"). URPN.	US-PGPUB; USPAT; USOCR			2006/07/27 13:21
S86	108	S85 and @ad<"20031030"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 13:21
S87	105	S86 and (control\$3 or enabl\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 13:22
S89	105	S86 and (control\$4 or enabl\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 13:22
S90	83	S89 and ("326"/\$.ccls. "327"/\$.ccls. "375"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 13:22
S91	23555	326/62-92.cccls. 327/50-62,91-99, 306-333.cccls. 330/51,124,129.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 09:51

## EAST Search History

S94	3837	S91 and enabl\$3 and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 11:32
S95	1228	S94 and independent\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 10:01
S96	237	S95 and ((control\$3 adjust\$3 vary\$3 shift\$3) with amplitude)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:33
S97	157	S96 and @ad<"20031030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:33
S98	413	S94 and (independent\$3 with (control\$3 or enabl\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 10:02
S99	87	S98 and ((control\$3 adjust\$3 vary\$3 shift\$3) with amplitude)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 10:02
S100	59	S99 and @ad<"20031030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:01
S101	8	("4978870"   "5748024"   "5905402"   "5969554"   "6177824"   "6262599").PN. OR ("6593795").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/28 10:42

## EAST Search History

S10 2	59	S100 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:01
S10 3	5	S97 and (prebuffer\$4 or predrv\$3 or (pre adj (drv\$3 or buffer\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:33
S10 4	301605	independent\$3 and enabl\$3 and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 11:32
S10 5	18740	S104 and ((control\$3 adjust\$3 vary\$3 shift\$3) with amplitude)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:33
S10 6	58	S105 and (prebuffer\$4 or predrv\$3 or (pre adj (drv\$3 or buffer\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:33
S10 7	46	S106 and @ad<"20031030"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:34
S10 8	14	S107 and ("375"/\$.ccls. "326"/\$. ccls. "330"/\$.ccls. "327"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:37

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	((serial adj link) and (prebuffer\$3 or predriv\$3 or (pre adj (buffer\$3 or driv\$3))) and delay\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 14:36
L2	8	((prebuffer\$4 or predriv\$3 or (pre adj (driv\$3 or buffer\$3))) and enabl\$3 and control\$3 and independent\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 14:36
L3	1	((prebuffer\$4 or predriv\$3 or (pre adj (driv\$3 or buffer\$3))) and enabl\$3 and control\$3 and independent\$3 and amplitude).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 14:37
L4	4	((serial adj link\$3) and enabl\$3 and control\$3 and independent\$3 and amplitude).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 14:37